ANNEXURE – I

Rama Medical College Hospital & Research Centre

Mandhana, Kanpur

CONSENT FORM

I .....daughter/wife of.....exercising my free power of choice, hereby give my consent to be included in the study **"TMPRSS6 GENE POLYMORPHISM AND HISTO-MORPHOLOGICAL CHANGES IN PLACENTA OF UNDERNOURISHED MOTHERS AND IT'S EFFECT ON MATERNO-FOETAL OUTCOME."** I hereby give my consent for information related to me to be reported in the research study.

I understand that my name and identity will be concealed.

Once signed, I cannot revoke my consent.

(To be explain in detail in native language)

सहमति फार्म

मैं ..... /पुत्री /पत्नी/……..... स्वयं इस अध्ययन में भाग लेना रहीं हूं I मैं स्वयं मुझेसे संबंधी सूचना इस अध्ययन कार्य में प्रकाशित करने की सहमति देती हूं I मैं समझती हूं कि मेरा पहचान गोपनीय रखी जाएगी।

एक बार हस्ताख्रर के पश्चात मैं सहमति रद्द नहीं कर सकती हूं I

सहभागी

नाम:.....

हस्ताख्रर/अगुठे का निशान:.....

दिनाक:.....

ANNEXURE-II

PROFORMA FOR PATIENT INVESTIGATIONS

IP NUMBER:

NAME:

AGE:

ADDRESS:

GENERAL PHYSICAL EXAMINATION:

BUILT & NOURISHMENT: POOR / MODERATE / GOOD

TEMPERATURE: PULSE:

HEIGHT: WEIGHT (AT 1ST ANTENATAL VISIT):

BMI (AT 1ST ANTENATAL VISIT):

WEIGHT (AT THE TIME OF DELIVERY):

B.P:

DOA: DOD:

THE SOCIO DEMOGRAPHIC PROFILE:

- OCCUPATION
- RELIGION:
- ANTENATAL CARE: NO/IRREGULAR/ REGULAR
- AREA OF LIVING: RURAL/URBAN
- LITERACY: ILLITERATE/PRIMARY/ SECONDARY/ GRADUATE
- ECONOMY: BELOW POVERTY LINE/ ABOVE POVERTY LINE
- GRAVIDA: PRIME GRAVIDA/ MULTIGRAVIDA
- LIFE STYLE: HOUSE WIFE/ WORKING WOMEN

- DIETARY HABBITS: VEGETARIAN/NON VEGETARIAN
- ADDICTION: TOBACCO CHEWING/SMOKING/NO SMOKING.
- ALCOHOLIC OR NON-ALCOHOLIC
- OTHERS: CONSANGUINEOUS MARRIAGE OR NOT.

HISTORY OF PAST ILLNESS:

HISTORY OF AMENORRHOEA:

LMP: EDD:

HISTORY OF PRESENT ILLNESS:

- ANTEPARTUM HEMORRHAGE
- HEADACHE
- POSTPARTUM HEMORRHAGE
- INFECTION
- PEDAL EDEMA
- AMOUNT OF AMNIOTIC FLUID: ADEQUATE/INADEQUATE
- LEAKING OF LIQUOR
- MATERNAL DEATH (if any, cause of death)
- FOETAL MOVEMENTS: NORMAL/DECREASED
- ANTENATAL CHECK UP: REGULAR/ IRREGULAR

OBSTETRIC HISTORY:

GRAVIDA: PARA: ABORTION:

NO.OF LIVING CHILDREN: MALE - FEMALE –

LAST DELIVERY: LAST ABORTION:

PAST HISTORY OF ECLAMPSIA/PRE-ECLAMPSIA:

MENSTRUAL HISTORY:

PAST MENSTRUAL HISTORY:

DAYS: DURATION:

REGULAR / IRREGULAR

QUANTITY: MODERATE / SCANTY / EXCESSIVE FLOW

PAINLESS / PAINFUL

INTERMENSTRUAL BLEEDING

MEDICAL HISTORY:

H/O. TB / DM / HTN / DRUG ALLERGY

FAMILY HISTORY:

H/O: HYPERTENSION / DIABETES MELLITUS / TWINS / CONGENITAL ANOMALIES.

INVESTIGATIONS:

BLOOD: HB:

BLOOD GROUP

MODE OF DELIVERY:

SPONTANEOUS / INDUCED / LSCS

BABY NOTES:

STATUS: ALIVE / DEAD

GESTATIONAL PERIOD:

SEX:

WEIGHT IN KG:

APGAR SCORE:

FOETAL DISTRESS: YES / NO

FOETAL COMPLICATIONS:

- INTRAUTERINE GROWTH RETARDATION
- INTRAUTERINE DEATH
- PRETERM DELIVERY/POST TERM DELIVERY
- CONGENITAL ABNORMALITIES
- NEONATAL DEATH.
- NICU ASSISTANCE

ANNEXURE-III

PLACENTAL STUDY

EXAMINATION OF PLACENTA AS UNDER MORPHOLOGICAL PARAMETERS:

1. SHAPE OF PLACENTA
2. THE SITE OF UMBILICAL CORD INSERTION
3. VASCULAR PATTERN: DISPERSE/MAGISTRAL
4. PRESENCE OF CALCIFICATION
5. PRESENCE OF INFARCTION
6. HEMORRHAGIC SPOTS
7. ACCESSORY PLACENTAL LOBE

EXAMINATION OF PLACENTA AS UNDER MORPHOMETRICAL PARAMETERS:

1. WEIGHT OF PLACENTA IN GRAMS
2. DIAMETER OF PLACENTA IN CENTIMETERS
3. PLACENTAL THICKNESS
4. SURFACE AREA OF PLACENTA
5. PLACENTAL VOLUME
6. NUMBER OF COTYLEDONS
7. CORD INSERTION RATIO
8. PLACENTAL INDEX

EXAMINATION OF PLACENTA AS UNDER HISTOLOGICAL PARAMETERS:

1. SYNCYTIAL KNOTS.
2. VASCULOSYNCYTIAL MEMBRANE.
3. INTERVILLOUS HAEMORRHAGE.
4. PERIVILLOUS FIBRINOID NECROSIS.
5. INTRAVILLOUS FIBRINOID NECROSIS.
6. VILLOUS VASCULARITY.
7. CYTOTROPHOBLAST PROLIFERATION.
8. BASEMENT MEMBRANE THICKENING OF TROPHOBLAST.
9. CALCIFICATION.
10. HYPERPLASIA OF MUSCULAR MEDIA OF FOETAL VESSELS.

MOLECULAR FINDINGS:

- TMPRSS6 *gene* SNP rs855791 POLYMORPHISM: